Factorial using recursive function

func Factorial(n int) int{

if n<=1{

return 1

}

return n\*Factorial(n-1)

}

Binary search using recursive function

func BinarySearchR(arr []int,target,low,high int) int {

mid:=(low+high)/2

if low <=high{

if arr[mid]==target{

return mid

}else if target < arr[mid]{

BinarySearchR(arr,target,low,mid-1)

}else{

BinarySearchR(arr,target,mid+1,high)

}

}

return mid

}

The nth term of fibonacci series using recursion

func FibonacciSeries(n int) int{

if n<=1{

return n

}

return FibonacciSeries(n-1)+FibonacciSeries(n-2)

}